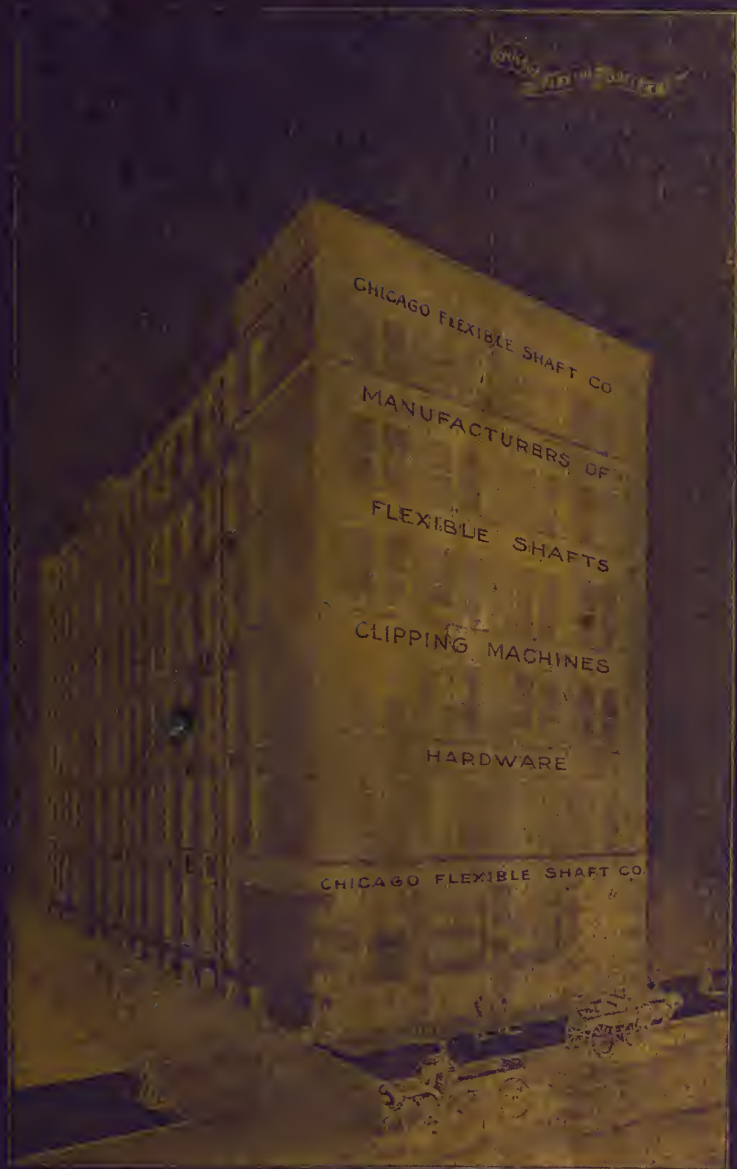


Chicago Flexible Shaft Co.,



CHICAGO, ILL., U. S. A.

142-144 Ontario Street.

Chicago Flexible Shaft Co., CHICAGO, ILL., U. S. A.

142-144 ONTARIO STREET.



Flexible Shafts for all purposes and Machinery to be operated therewith,
.....also.....
Horse and Barber Clippers and Supplies.

Introduction.

Owing to the greatly increased volume of business with which we have been favored during the past few years, we have been compelled to find new and larger quarters. We are now located in our new fire proof, six story and basement steel constructed building at No. 142-144 Ontario St., where, with greatly increased floor space and modern facilities we are in much better position to serve our customers than ever before.

Starting in the business of manufacturing Horse and Toilet Clippers within the last six years, a field that seemed at that time to be well covered, we have in this short time secured the largest clientage of any house in our line.

Our almost phenomenal success in this line we attribute as much to the superior design and excellent workmanship of our goods as to the strictly high grade of material which we use in their construction.

We ask that purchasers or intending purchasers of Clippers or Clipping Machines consider well the following points:

1st. That all goods made by us are standard; 2nd, that they are made of the best material obtainable; 3rd, that they are made by the most skilled and highest paid mechanics; 4th, that our Clippers are of the most modern and practical designs; 5th, that they have been tried and stood the test, and last but not least, they are not sold at fancy prices, under a pretense of some mysterious merit that never becomes apparent to the consumer.



We claim, without fear of contradiction, that our Clippers and Clipping Machines are the best for the purpose intended, of any in the world.

In regard to facilities will say that our plant is equipped with every modern labor saving machine or device in the line of modern machine shop equipment, every screw, stud, shaft, nut or bolt, every operation including electroplating, that is performed on a Clipper or Clipping Machine, is made on the premises.

In this manner, and from the fact that we run our factory the year around, enables us to make prices that would be ruinous to concerns who depend on the profit of their trade during the clipping season for their entire yearly revenue.



The object of this catalogue is to illustrate our line of Horse Clipping, Horse and Cattle Grooming Machines, also our Hand Horse and Toilet Clippers. By a careful perusal of its pages it will be seen that each article illustrated combines simplicity with extreme strength and lightness, as well as durability and cutting qualities.

Our Clipping Machines are recognized as the standard by which other machines are judged: placed side by side with machines of other makes, the superiority of ours becomes fully apparent, even to the most casual observer.

On some of these pages will be found the opinions of a few of our customers in regard to Clipping Machines purchased of us.

In conclusion will say that we do not compare our goods with those of any other make, regardless of prices.

—OUR MOTTO:—

"QUALITY FIRST AND ALWAYS."

FLEXIBLE SHAFTS.

We are the sole and exclusive manufacturers of Horse Clipping, Sheep Shearing, Cattle and Horse Brushing and other machinery operated in connection with our Improved Flexible Shafts, now universally acknowledged as the most perfect flexible shaft in the world.

Our patent attorney is prepared and will promptly prosecute any and all infringers on our rights.

We make Flexible Shafts for all purposes of different designs, strengths and degrees of flexibility.

Our plant is the most complete for this work of any in the world; our coiling mill situated on the line of the Chicago & Northwestern R. R., 14 miles from the court house, is 250 ft. long, two stories high and equipped with the most modern labor saving machinery.

We invite correspondence in regard to Flexible Shafts for special work.

Send for special catalogue of Flexible Shafts.



SPECIAL.

In ordering give explicit information as to shipping. Mark plainly nearest railroad or express office, also State and County.

Persons ordering machines C. O. D. must accompany order with $\frac{1}{4}$ the amount in cash or deposit same with local express or freight agent and have him guarantee charges both ways.

Book accounts for parts or repairs we do not keep, as we have found from experience that it is unprofitable to do so. We insist that these bills be prepaid or goods will be sent C. O. D.

Sharpening and repairing, orders for parts, or accessories will be filled the same day order is received.

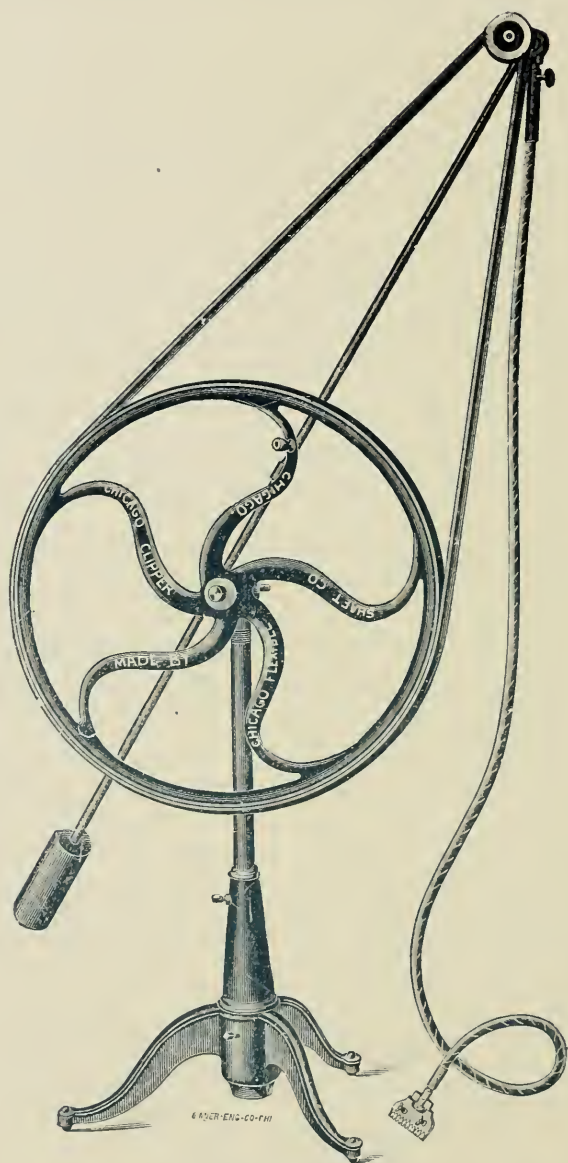
Our terms are the same to all; we make no discounts, no allowances for cartage or other charges. We deliver all goods free on board cars or boat, Chicago.

We guarantee better value for cash than any other house in our line.

Our Clippers and Machines are warranted to be exactly as represented or money refunded; they are also guaranteed against defective material or workmanship.

In addition to above, we agree to furnish repairs on ma- chines, if any not caused by accident or misuse, for one year.





THE CELEBRATED "CHICAGO" HAND POWER CLIPPING MACHINE.

Price - - - - - \$25.00

CHICAGO CLIPPER.

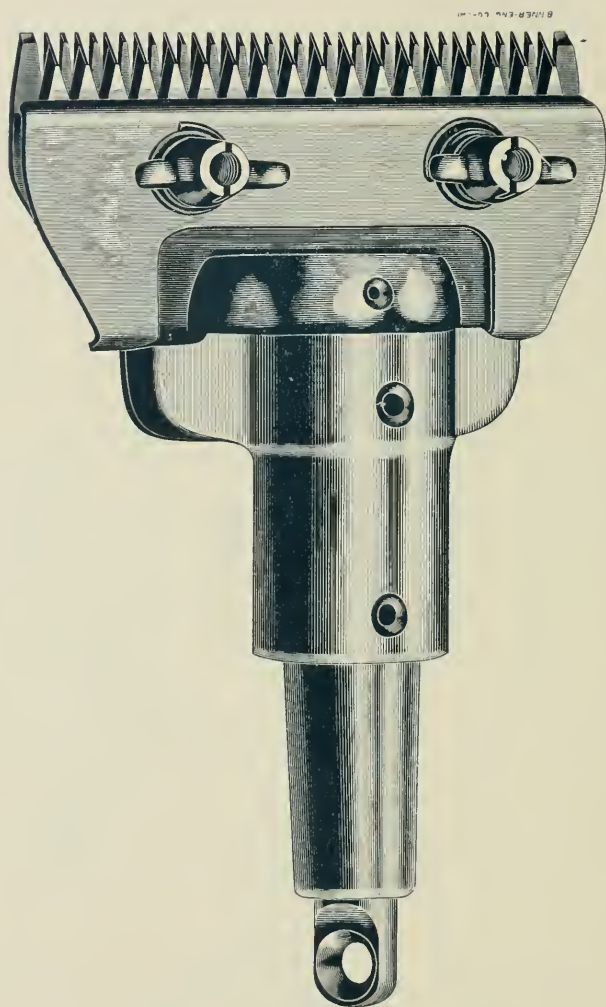
(HAND POWER.)

Probably no article that has been placed on the market in recent years for the use of liverymen and horsemen generally, has met with such deserved success as the Celebrated "Chicago" Clipper.

Designed on absolutely correct principle and intended for hard and continuous service, it has more than met these requirements and we are constantly receiving testimonials from all parts of this country, Canada and Mexico from enthusiastic purchasers.

The cut on opposite page illustrates the Celebrated "Chicago" Clipper. The most substantial, powerful, light running, noiseless machine on the market. The base is of such design and proportion that the machine stands perfectly firm and solid at all times. The standard allows of adjustment so that the wheel may be set at any desired height. The balance wheel is 30 inches in diameter and runs on a turned steel shaft. The gear head is self-containing, obviating noise and excluding dust. The tension of the belt can be regulated to suit by means of a set screw. All bearings are of steel, perfectly fitted and interchangeable. The connection for conveying power from head to cutting knives is by means of our Improved Flexible Shaft, which insures perfect freedom of motion and an extensive range. The Shaft is anti-frictional and can be curved and bent in any direction or even tied in a knot while running.

The knives are the finest steel and are tempered by an improved process. They are of such a quality as to work with smoothness and ease, and thick enough to allow of repeated sharpening, which should be done only by makers or persons having suitable machines. Never apply files or grindstones, as you will increase the cost of sharpening. The machine is in all respects a substantial, durable and rapid working machine, designed especially for doing superior clipping at the minimum of cost. We have spared neither labor or expense to make this machine the **FINEST IN THE WORLD.**



CLIPPER KNIVES.

| | | | | |
|--------------------------------|---|---|---|--------|
| Price, with handle, as per cut | - | - | - | \$4.00 |
| “ without “ | - | - | - | 3.00 |
| Extra Bottom Plate | - | - | - | 1.50 |
| “ Top “ | - | - | - | 1.50 |

CLIPPER KNIVES.

If there is one thing more than another in which we take special pride, it is in the superior excellency of our clipper knives.

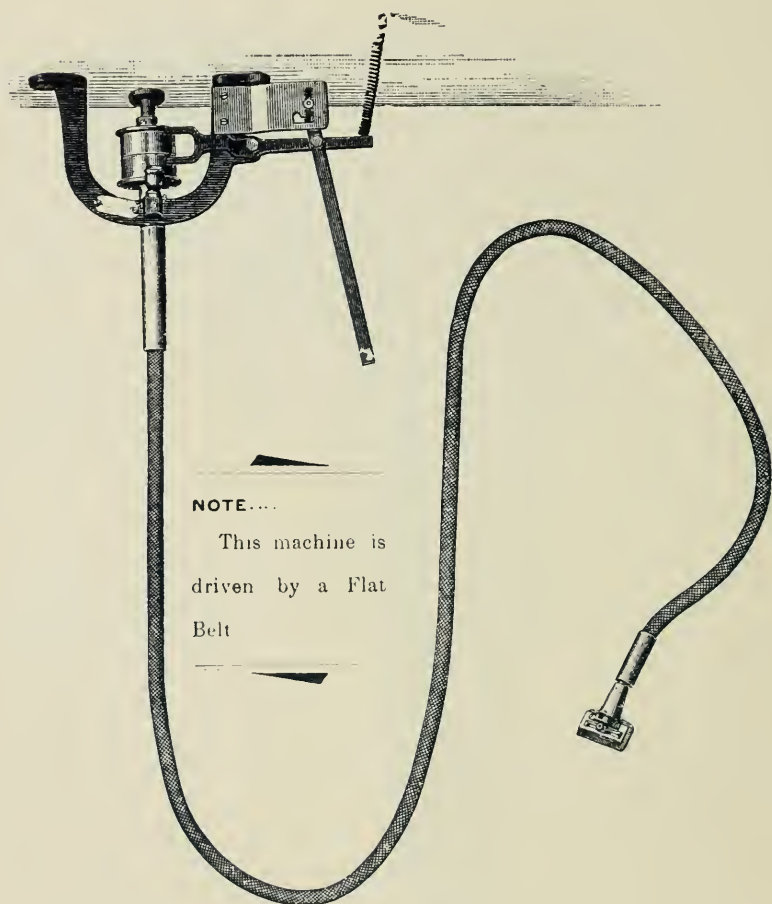
This season we offer our knives in two sizes, the 3 and 4 in., all made from the very finest high carbon tool steel, tempered in oil and perfectly ground.

We have this year gone to great expense to make our knives in such a manner, that they can be used with perfect success by the most inexperienced operator, the only adjustment necessary being to simply tighten the tension nuts slightly, as the knives get dull from continual use.

We have made and carry in stock an immense quantity of knives, plates and all duplicate parts of knives and machine, orders for which can be filled within one hour from the time order is received.

Our cutters are now made with an improved form of tooth which divides the hair and cuts with infinitely less power and friction than any heretofore made.

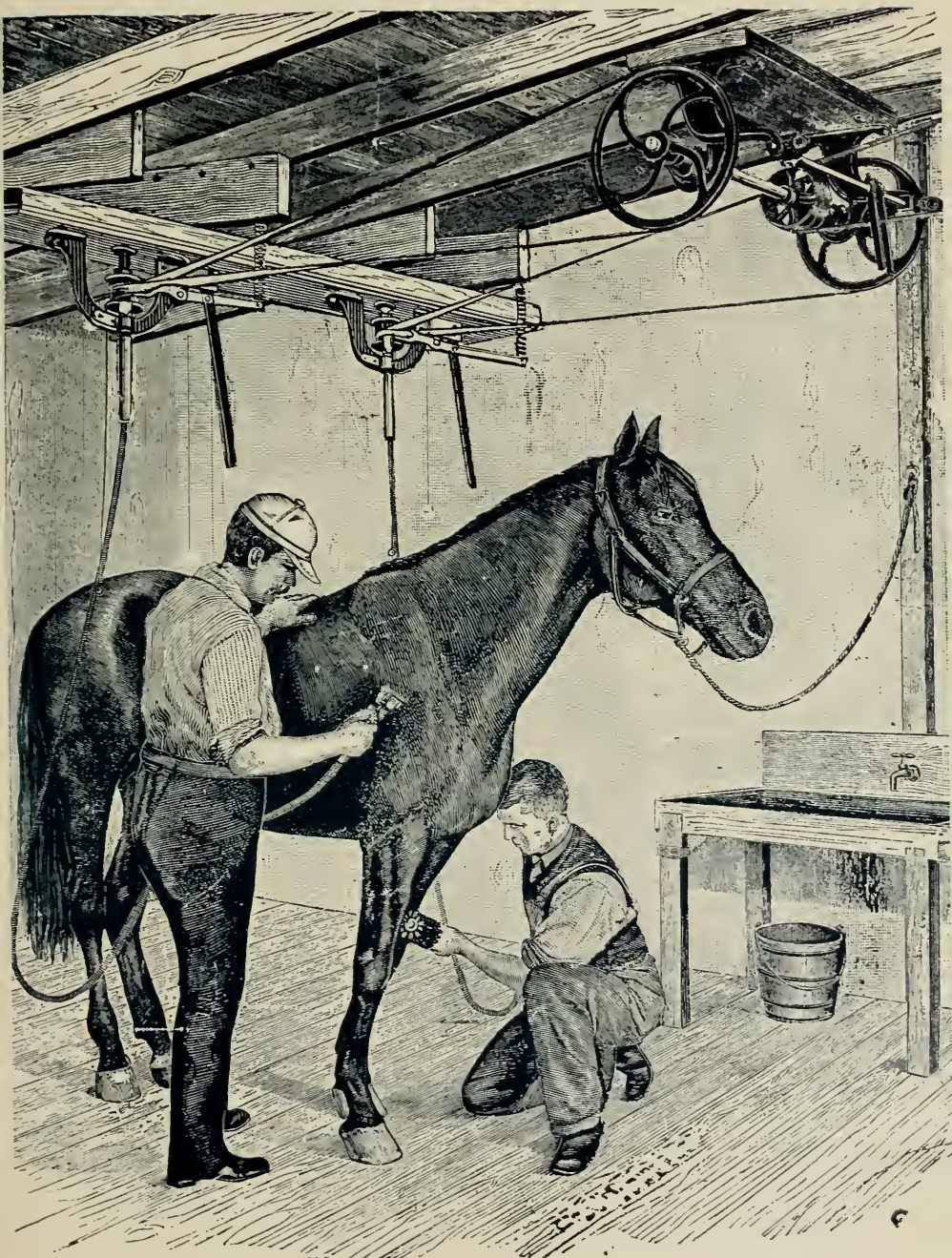


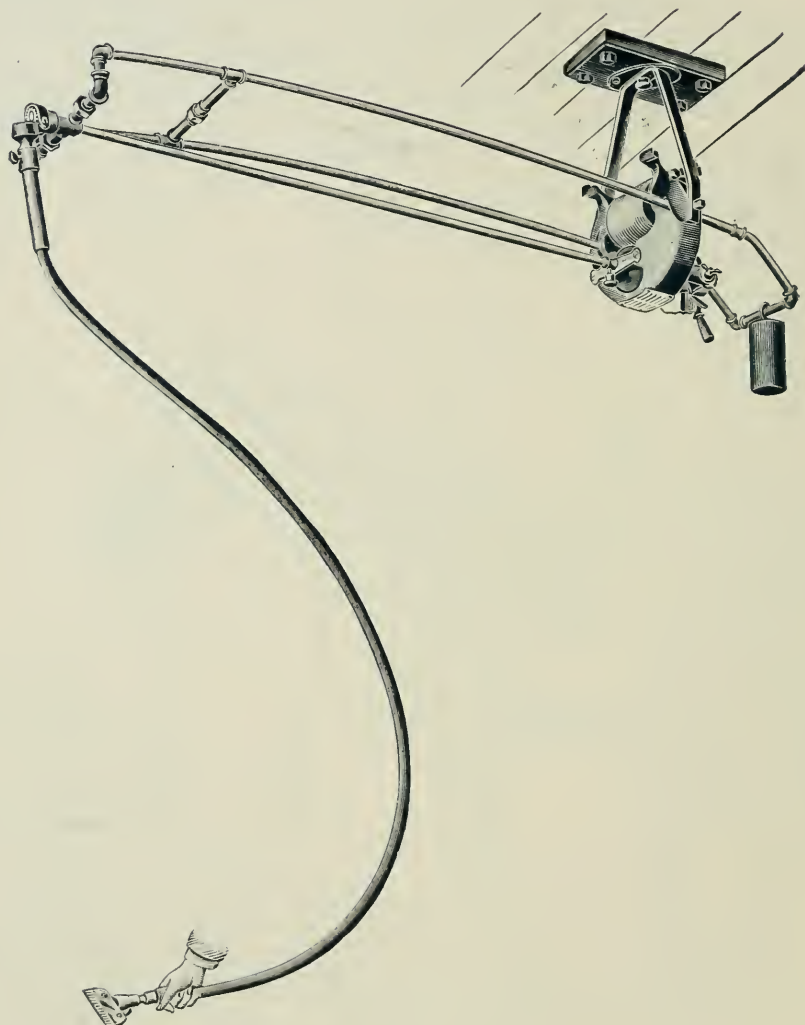


IMPROVED VERTICAL HANGER, CLIPPING AND GROOMING MACHINE.

Very stiff and solid. Has tight and loose pulleys for $1\frac{1}{4}$ in. flat belt, starting and stopping device, is self oiling and perfectly noiseless.

Price, as per cut, \$32.50 Counter Shaft, extra, \$10.00





THE "CHICAGO" ELECTRIC RADIAL MACHINE.

PATENT PENDING.

Price Complete - - - - - ~~360.00~~ 760⁰⁰

THE cut on preceeding page shows our new Electric Radial Machine, the greatest triumph of recent years in the Clipping Machine line. This machine is destined in all localities where electric current is available, to supersede all other types of Clipping and Grooming Machines.

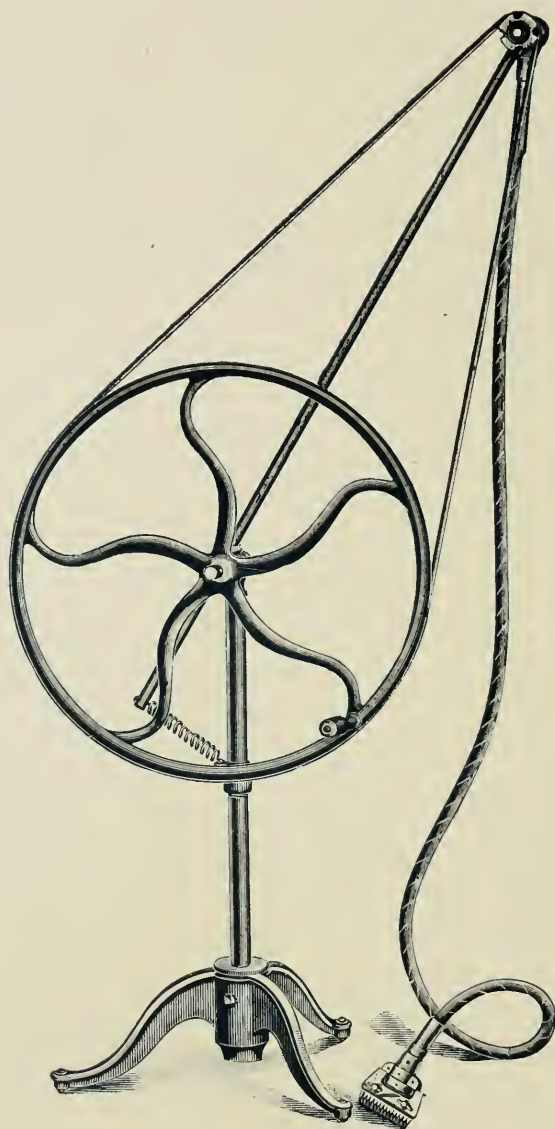
The machine is simplicity itself, consisting of one of our own make Compound Wound Electric Motors, $\frac{1}{2}$ horse power "more than ample power to drive any Clipping or Grooming Machine."

Motor is suspended pivotly from the ceiling and connected with power current by flexible cord. Motor is fitted with radial support for elongated armature shaft, carrying on extreme end an improved form of Universal Joint, "the most perfect in the world," to this is attached Flexible Shaft. The whole is counter-balanced by weight. A glance at the cut and the idea of the machine at once becomes clear.

It is something entirely new, runs perfectly steady with a powerful, noiseless, frictionless motion, that cannot be produced by any other means; there is no noise, no smoke, no trouble with belts, has few parts, nothing to get out of repair, always ready—all you have to do is to turn the switch, it starts instantly, stops instantly—occupies no floor space, cannot be broken by the horse, easy and pleasant to operate, as there is no weight on the hand of the operator. And last, but not least, it is cheap both as regards price of machine and cost of operation.

In conformity with our policy to make prices that allow us only a fair working profit, we have listed this machine at the very low price of \$60.00, a price that was asked, and we believe is still asked for some very inferior and antiquated hand machines, that are still offered to the public.

We believe that by making prices low we stimulate trade, and such a conclusion we have in our own case demonstrated to be correct by the volume of business with which we are being favored.



The "Lightning" Clipper.

HAND POWER.

Price - - - - - \$20.00

THE cut on page 14 illustrates a new Hand Power Machine which we have brought out to meet the demand for a light compact machine for parties who do only a moderate clipping business. It is of the same general design as the Celebrated "Chicago" Clipper, only all weight not absolutely necessary has been eliminated.

It is driven with a round belt, has a 24 inch balance wheel, carries same Flexible shaft and knives as the "Chicago."

The radial arm is counter balanced by a strong spring instead of a weight, speed is the same, and for all ordinary purposes, will clip equally as well as any machine made, but of course lacking the steady powerful motion of the heavier flat belt machine.

This machine we guarantee equal or superior to any round belt machine on the market.



TESTIMONIALS.

MONTGOMERY, O., April 15, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.

GENTLEMEN: I desire to say that I am very much pleased with the machine I received from you a few days ago. It is doing fine work. Wishing you success, I remain,

Yours respectfully,

CLIFF TODD.

ELKADER, IOWA., April 12, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.

DEAR SIR: The Clipper I ordered from you works O. K.

It is giving excellent satisfaction, in fact doing more than you claimed for them.

Yours Truly,

F. W. AINSWORTH.

SAN FRANCISCO, Cal., Aug. 29, 1895.

Chicago Flexible Shaft Co.,

142-144 Ontario St.,

Chicago, Ill.

DEAR SIR: Your letter in regard to what I think of the "Chicago Clipper" at hand. In reply would say that I can not say too much for your machine. Will always recommend it to my friends.

Yours sincerely,

A. E. PATRICK.

COLUMBUS, Kan., March 9th, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.,

GENTLEMEN: Clipper received O. K. and is giving entire satisfaction. Would not be without one.

Respectfully yours,

W. M. BENHAM.

SAULT STE. MARIE, Mich., April 4, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.

DEAR SIR: Machine I bought of you came to hand yesterday. I set it up and it works very nicely. It could not give better satisfaction.

Respectfully,

J. W. BURGESS.

SMETHPORT, PA., April 23, 1895.

Chicago Flexible Shaft Co.,
142-144 Ontario St.,
Chicago, Ill.

GENTLEMEN: I desire to say that we are well pleased with the "Chicago" Hand Power Clipping Machine bought of you last month. They are everything, and more than you claim for them. We have done a good big lot of work with them and they do it "slick and easy."

We cannot see why you should not have a very large sale at the very low price you make for so good an article.

Yours very respectfully,

A. T. PALMER.

NAPOLEON, O., Aug. 26, 1895.

Chicago Flexible Shaft Co.,
Chicago, Ill.

DEAR SIR: The Clipping Machine I purchased from you last April did the work just as you agreed it would. I think it is one of the BEST inventions ever made in the clipping line.

I have clipped kickers, but they did not move when I used your machine.

I cannot say too much for the "Chicago" Clipper.

Yours very truly,

K. H. Kobe, V. S. & D.

ROADHOUSE, ILL., March 18, 1895.

Chicago Flexible Shaft Co.,
Chicago, Ill.

DEAR SIR: I have used the Clipping Machine I bought of you last season with the greatest success.

You could not buy my machine for any amount of money, if I could not get another. I think it is superior to any other manufactured. I am more than pleased with it.

Yours respectfully,

H. O. TARR.

DULUTH, MINN., Jan. 18, 1895.

Chicago Flexible Shaft Co.,
Chicago, Ill.

GENTLEMEN: The Clipping Machine bought of you a short time ago is giving entire satisfaction. We are more than pleased with it.

Yours respectfully,

Chief Engineer Duluth Fire Dep't.

JNO. T. BLACK.

TESTIMONIALS.

SHENANDOAH, PA., March 19, 1895.

Chicago Flexible Shaft Co.,
142-144 Ontario St.,
Chicago, Ill.

GENTLEMEN: I received Clipping Machine and am well pleased with it. I tried it and it gives good satisfaction.

Yours truly,

WM. H. ANDREWS.

LEAVENWORTH, KAN., Aug. 26, 1895.

Chicago Flexible Shaft Co.,
142-144 Ontario St.,
Chicago, Ill.

DEAR SIR: Yours of the 23rd inst., making inquiry in regard to the "Chicago" Clipper, is at hand. In reply will say that your Clipping Machine and Clippers are all that you claim and give entire satisfaction. We will recommend them whenever we have an opportunity to do so. Very truly yours,

ACKENHAUSEN & BROS.

AVOCA, IOA., April 5, 1895.

DEAR SIR: We received the "Chicago" Hand Power Clipper today noon, and found it all right. Went to work after dinner and before four o'clock had one team clipped in good shape. We are perfectly satisfied with the machine.

Yours respectfully,

DAN COOL.

OLATHE, KANS., March 24, 1895,

Chicago Flexible Shaft Co.,
Chicago, Ill.

GENTLEMEN: Horse Clipping Machine received O. K. and is giving perfect satisfaction.

Wishing you success, I am,

Respectfully &c.,

L. M. BLAKESLEY.

NORTHFIELD, MINN., March 23, 1895.

Chicago Flexible Shaft Co.,
Chicago, Ill.

DEAR SIR: We are in receipt of the Clipping Machine and it is perfectly satisfactory. We think it is one of the best machines ever placed on the market.

Yours respectfully,

BUSHNELL & HIBBARD.

CANTON, O., April 1, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.

GENTLEMEN: Your Clipping Machine received and is giving perfect satisfaction.

Yours respectfully,

HARRY D. DEPEYSTER.

WINCHESTER, IND., Apr. 6, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.

DEAR SIR: I received the New "Chicago" Clipping Machine that I telegraphed for; it is all right and is perfectly satisfactory in every respect.

Yours truly,

WM. PUCKETT.

KILBOURN CITY, WIS., Apr. 10, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.

GENTLEMEN: Your machine we bought of you is at work and works all right. We could not wish it to work better.

Respectfully yours,

CAMPBELL & LANDT.

CHALMERS, IND., March 8, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.

DEAR SIR: I like the machine I purchased of you very much and will always recommend it highly to all my friends or any one I hear of, desiring to purchase a machine.

Yours etc.,

PHILIP WOLVERTON.

GARDNER, ILL., Sept. 11, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.,

GENTLEMEN. Your letter at hand, in reply will say that the Clipping Machine that I purchased from your company is all right, and is giving good satisfaction.

The machine is first-class, the "Flexible Machine" for me, for good work.

Respectfully,

ED. STONE.

CYNTHIANA, KY., Apr. 22, 1895.

Chicago Flexible Shaft Co.,

Chicago, Ill.

DEAR SIR: I desire to say that the machine I bought of you works good and does very nice work. Would not ask it to do better.

Yours respectfully,

(By F. R. Broadwell.)

D. B. VEACH.

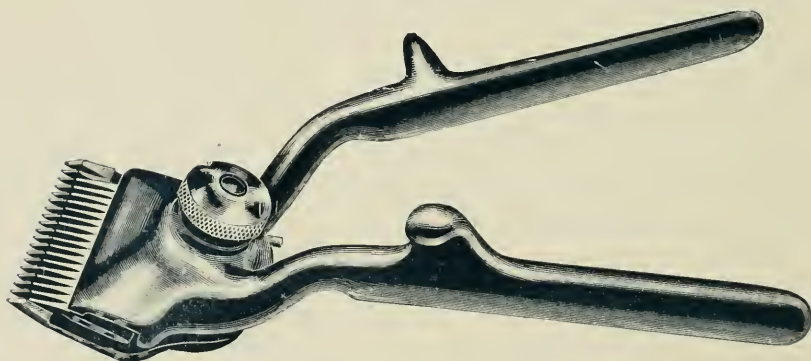
TOILET CLIPPERS.

Prominent among our line are the "Chicago" and "Monitor" Toilet Clippers; these have had the most phenomenal sale of any Clippers ever offered.

Our output of these goods during the past 12 months is almost beyond belief and the quantity sold can only in a manner be appreciated by a visit to our factory, where can be seen the process of manufacture.

Our capacity on these is 600 pairs per day and there is no period during the past year that our daily output has not closely approached these figures.

These Clippers find a ready market in every country in the civilized world, there being five houses in the U. S. alone handling them for export.



"CHICAGO" TOILET CLIPPER.

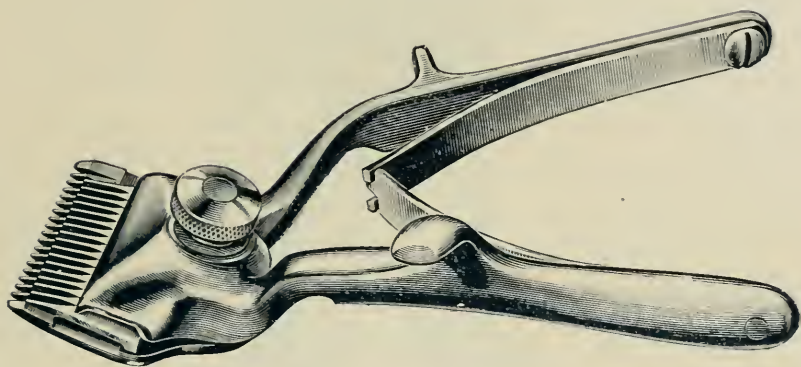
NICKEL PLATED. PATENTED.

The "Chicago" Toilet Clipper, of exquisite design, beautiful proportion, handsomely nickled; machined, tempered, and ground to a nicety, fitted with the simplest of springs and having an even yielding, yet sure stroke.

It is the embodiment of everything that is requisite or desirable in a high grade toilet Clipper.

These and other points have given it a place in the trade, not occupied by any other toilet Clipper.

Price - - - - - - \$2.50.



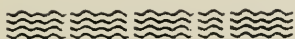
"MONITOR" TOILET CLIPPER.

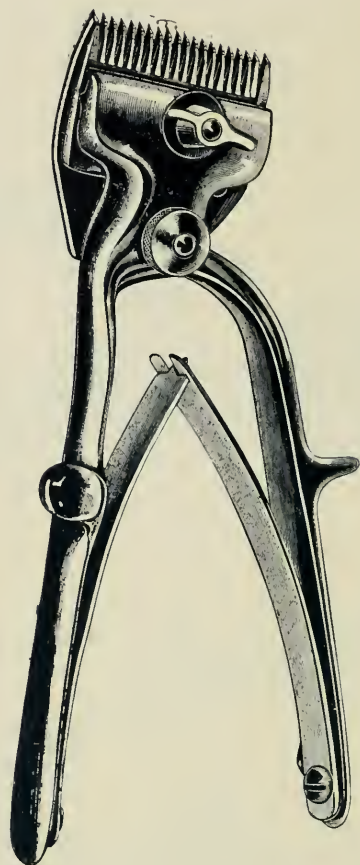
NICKEL PLATED. PATENTED.

A very handsomely designed Clipper with flat springs between the handles, of splendid proportion, strong, simple and highly finished, has knurled tension nut and polished springs, is made from the very best materials and is fully warranted.

This is undoubtedly the most successful toilet Clipper, for private use, on the market; has none of the objectional features of the open top flat spring Clipper heretofore offered; has closed top and compares favorably in appearance with the concealed spring Clipper.

Price - - - - - - \$2.00





IMPROVED ANTI-FRICTIONAL ONE HAND HORSE CLIPPER.

NICKEL PLATED.

This clipper was brought out to meet the demand for a stronger, heavier clipper than the Toilet, for trimming about horses' fetlocks, ears, etc., for which purpose it is peculiarly adapted.

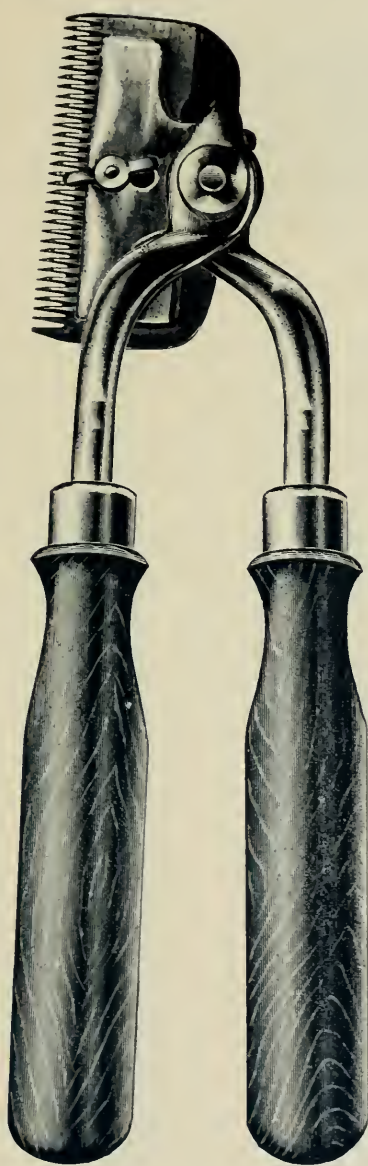
It has extra large, heavy, strong flat springs, which are warranted not to break.

This is a high grade tool and is fully warranted.

Price - - - - - \$3.00

THE ACME OF PERFECTION.

Two Clippers in one; by simply unscrewing nut, knives may be set at right angles to handles, making as will be readily seen, a most perfect leg Clipper; used in the straight



position in has all the advantages of a strictly high grade clipper.

Made from the best material obtainable, by the most skilled mechanics and highly finished.

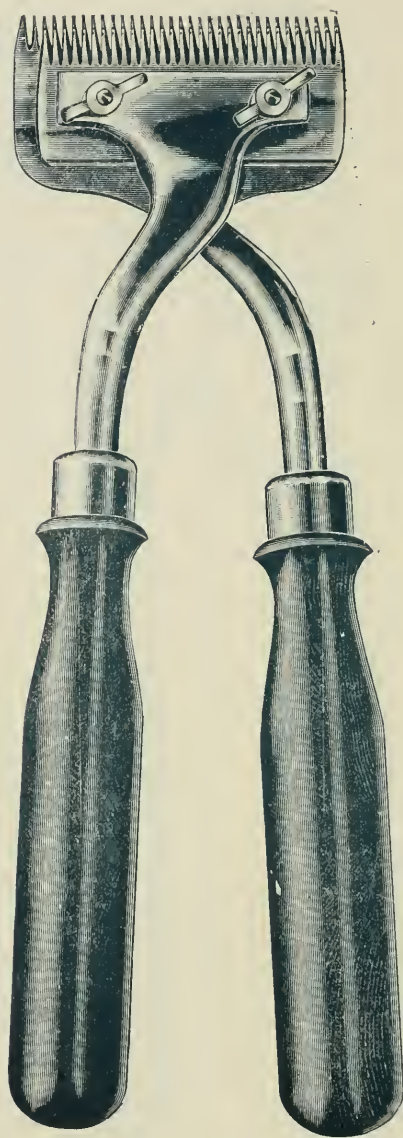
A high grade tool, fully warranted. Price \$3.00

The "Chicago" Adjustable Side and Straight
Cutting Horse Clipper.

NICKEL FLATED.

PATENT PENDING.

This is a very simple and neatly designed Clipper, has two wing tension nuts, and is of the best material and



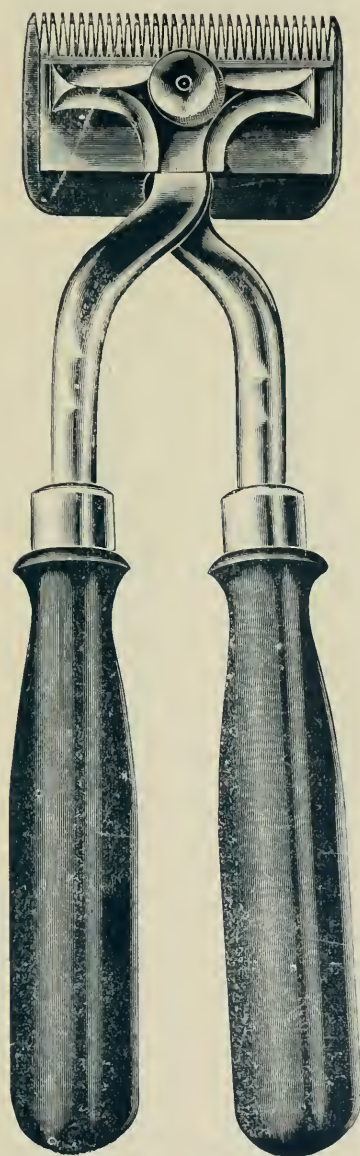
workmanship throughout, but is not so highly finished as our other Clippers, yet is a first class Clipper.

"HUMMER" HORSE CLIPPER.

POLISHED.

Price - - - - \$1.25

A strictly high grade one-nut balance pressure.

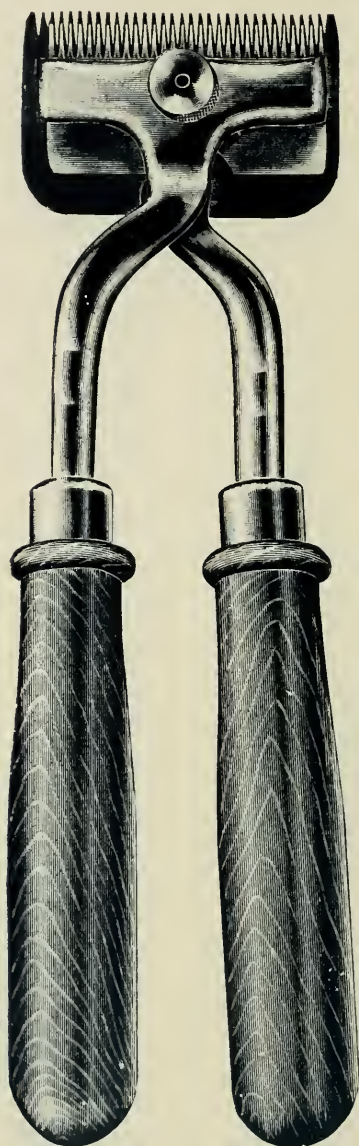


Clipper is highly finished, well proportioned and in all respects a serviceable, well-made tool.

"ENVOY" HORSE CLIPPER.

NICKEL PLATED.

Price - - - - \$1.75



"ALIX" HORSE CLIPPER.

NICKEL PLATED.

A strong, well proportioned, serviceable Clipper, highly finished, of finest material and workmanship, has one nut balance pressure; is strictly high grade. Price \$2.25

LOCAL REFERENCES.

THERE are nearly 2000 of the "CHICAGO" CLIPPERS in actual use and upwards of 150 in the city of Chicago alone. This fact speaks for itself. The following is a partial list, comprising mercantile, livery and private stables, professional horse clippers, etc., to any of whom we respectfully refer:

| | |
|---------------------------------|--------------------|
| Armour Packing Co..... | Union Stock Yards. |
| Swift & Company..... | " " " |
| Dexter Park Horse Exchange..... | " " " |
| Edward Morris..... | " " " |
| Frank Foster..... | " " " |
| E. W. Chadwick..... | " " " |
| Chicago Fire Department..... | six (6) machines. |

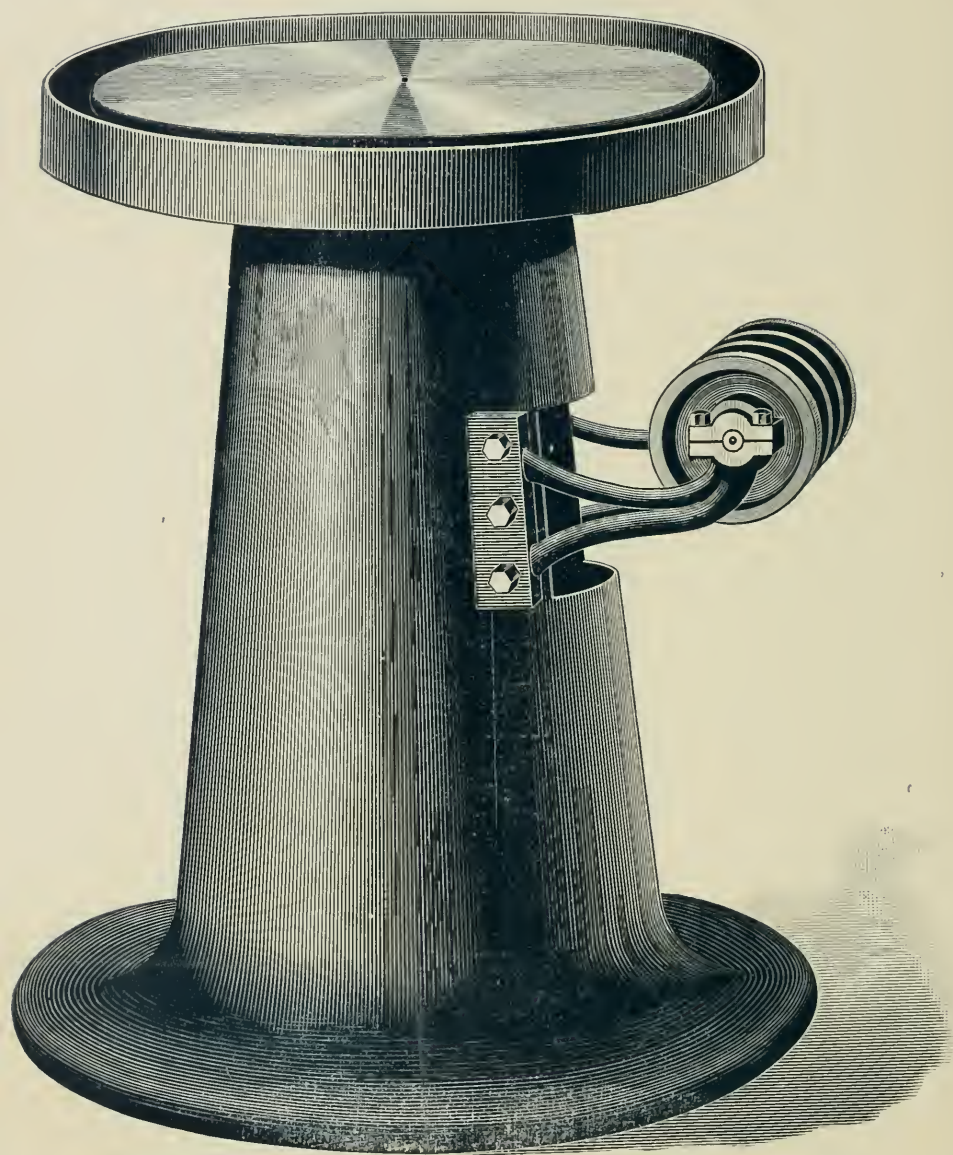
DRY GOODS.

| | |
|----------------------------|---------------------------|
| Carson, Pirie & Scott..... | Adams and Franklin Sts. |
| Mandel Bros..... | 117-123 State street |
| Marshall Field & Co..... | State and Washington Sts. |
| "The Fair"..... | State and Adams Sts. |
| Siegel Cooper & Co..... | State and Van Buren Sts. |

MISCELLANEOUS.

| | |
|---|-------------------------------------|
| Keeley Brewing Co..... | 28th St., nr. Cottage Grove |
| Anderson Transfer Co..... | 1618 State St. |
| D. F. Brenner Baking Co..... | 76-84 O'Brien St. |
| Chicago and Hyde Park Express Co..... | |
| Palmer House Livery..... | 175 State St. |
| Wright's Livery..... | 53 Plymouth Pl. |
| W. D. Moon, "Southern Hotel Livery,"..... | 2021 Wabash Ave. |
| Jos. Johnson..... | rear 2000 Wabash Ave. |
| Dean's Livery..... | State St. |
| Burnham & Moore..... | 194 Washington St. |
| Bender Bros..... | Englewood. |
| Wellman H. Ford..... | 319, 63rd St., Hyde Park. |
| Florida Hotel Stable..... | 5059 Cottage Grove Ave. |
| Ed. Williamson..... | 38th and Dearborn Sts. |
| Sam Nichols..... | 33d St. |
| Emery & Co..... | 31st and Wabash Ave. |
| Stoddard & Co..... | Hyde Park. |
| Forbes & Co..... | Cottage Grove Ave. |
| Sheppard & Son..... | 2121 Wabash Ave. |
| Jno. McIntire..... | 31st and Dearborn St. |
| Puffer Livery..... | 1219 W. Van Buren St. |
| Conley Bros..... | 167 S. Desplaines St. |
| Chas. Bray..... | Washington Boul. |
| McLaughlin & Wedgins..... | 53 Aberdeen St. |
| W. R. Morrison..... | 1018 W. Harrison St. |
| Illinois Club Livery..... | W. Madison St. |
| Metropolitan Cab Co..... | 41 W. Adams St. |
| Louis Krebs, 1920 Erie Av. S. Chicago. | Dalghen & Co..... Englewood. |
| Horning & Co., 6408 Wentworth Ave. | Lars. Larson..... S. Chicago Ave. |
| A. Waterman, 79th, near Union St. | Reckard & Smith..... 61st St. |
| Spangler & Co., 18th and Halsted. | Lodge & Hall..... 53d and Lake Av. |
| Otto Barse..... Lake Shore Drive. | Otto Young..... 149 State St. |
| Geo. H. Lindermann, 335 N. Halsted. | Balarek and Co..... W. Division St. |
| Columbia Livery Co., N. State St. | Drexel Stables..... 173 43d St. |

The Union Stock Yards is one of the greatest horse markets in the world, certainly in this country. The daily receipts of horses average 300, nine-tenths of them have their fetlocks trimmed and many of these are clipped. These comprise nearly every grade of horse known, from the shaggiest specimen to the fine coated thoroughbred. It's a significant fact that the Chicago Clippers are the only ones used at the Stock Yards, in fact they are the only ones thus far tried that will stand the racket.



--24 INCH--

WATER LAPPING MACHINE.

WEIGHT, ABOUT 500 LBS.

THE engraving on opposite page represents our **New Improved 24-inch Water Lapping Machine**, designed for rapidly and accurately grinding flat surfaces to absolute truth, with positively no danger of drawing the temper from the finest or most delicate edge.

The lap is of special material, and is surrounded by a pan which admits the use of water, adding greatly to the effectiveness of the machine and the quality of the work performed.

We claim that with this machine results can be obtained that are not possible by any other known method, producing not only absolutely true surface, but a high finish also.

The lap is of very hard material and can scarcely be injured by careless handling. The shaft is of steel, runs in self-oiling boxes, has 12 inch driving pulley, and carries a three inch belt.

The machine stands 33 inches high, and weighs about 500 pounds. Price \$50.00



OUR Clipping Machines embody the following points of superiority: largest, strongest and most rapid working, easiest to operate and understand, no repairs necessary unless by accident, nothing light and weak to give out or break when most needed.

No flimsy wheels of baby carriage material, but a good solid, heavy balance wheel, insuring steady, positive power on the principle of a balanced body in motion.

What mechanical designer would think of substituting the heavy iron balance or fly wheel on a steam engine for a light affair of wood or other material?

The engine would have an unsteady, jerky motion in consequence of the varying loads that are being constantly applied.

Just the same result would be experienced with a Clipping Machine—every short turn of the shaft, every time a lighter or heavier cut was taken the operator would feel the difference in speed, whereas, with the heavy wheel, the momentum acquired by a few moments turning it sufficient to carry the knives at the same speed, through almost anything that comes before it.

We have remodeled a great many round belt machines during the last year for parties who did not see the logic of the above argument, and ordered round belt machines, finding out from experience that they were lacking in power as well as other qualities.



WE do not recommend the same Flexible Shaft for clipping as for grooming. A Clipper, to be successful, must run at a speed of from 15 to 18 hundred revolutions per minute; this speed is too high for brushing; again, a flexible shaft for Clipping must be light, strong and very flexible, while on the other hand, one for Grooming does not need to be as flexible, but must be stronger and run slower.

Remember we are the largest makers of Flexible Shafts in the world, also that we make shafts for this and other governments, for ship yards, for railroads, machine shops, foundries, glass works and thousands of other manufacturers. That we are alone in the field, that our competitors' so-called Flexible Shafts are not considered in the mechanical world at all, that when we recommend a shaft for a certain purpose, it is the best for such purpose, and we guarantee it to do as we represent, that persons advertising a Clipping Machine shaft as a practical groomer are advertising something that cannot be substantiated, we say practical in view of the advanced state of the art which we have brought the manufacture of Flexible Shafts at the present time.

Our Grooming Plant is equipped with one of our No. 4 core standard shafts; we will guarantee this to transmit 200 per cent. more power than any of the shafts used on Clipping Machines.

Investigate this before putting in a Grooming Plant. Place your order with us and we will equip you with a plant that will do your work, do it right and keep on doing it. It will cost you less in the beginning; it will cost you less in the end.

Call on some of those mentioned in the list and see for your self the splendid satisfaction our goods are giving.

----- Grinding and Repairing.

We employ only expert grinders; we build the machine grinders ourselves and have men who have been with us for years on this work and we guarantee absolute satisfaction.

Machines, knives, plates and parts carried in stock; orders can be filled within one hour from time order is received.

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